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APPLICANTS: Tingley *et al.*

SERIAL NO.: 09/665, 954

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FILING DATE: September 6, 2000

EXAMINER: Lau, Tung

TITLE: Non-Invasive Pipeline Inspection System

Commissioner for Patents
Washington, D.C. 20231RECEIVED
TECHNOLOGY CENTER 2800
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12/19/02AMENDMENT AND RESPONSE

This Amendment and Response is submitted in response to an Office Action, mailed from the U.S. Patent and Trademark Office on July 9, 2002, for the above-identified patent application. A petition and appropriate fee for extension of time for two months up to and including December 9, 2002, is submitted herewith.

Please enter the following amendments, without prejudice, and consider the following remarks.

AMENDMENTIn the Claims

Please amend claims 1, 29, 55, 56, and 58 to read as follows. In accordance with 37 C.F.R. § 1.121(c)(1)(ii), a marked up version of the claim amendments and a clean copy of the pending claims are attached at the end of this Amendment and Response.

1. (Amended) A pipeline inspection system comprising,
 a wave launcher in communication with a pipeline and adapted to transmit an input waveform having a selected input energy along a longitudinal axis of said pipeline, and to receive a reflected component of said input waveform from said pipeline, said reflected component having a characteristic reflected energy,